# **DARREN XU**

darren.xu75@gmail.com • www.darrenxu.org

### **EDUCATION**

# **University of New South Wales** | Bachelor of Data Science & Decisions

Feb 2020 - present

- Majoring in Quantitative Data Science
- Coursework in statistics, computer science and economics

#### **EXPERIENCE**

# **Deloitte** | *Data & Analytics Vacationer*

Nov 2021 - Feb 2022

- Engineered a visualisation and data preparation tool with Python, automating plots for 10,000+ programmed buckets of timesheet data by respective shift and entitlement relations
- Cleaned and extensively arranged 50,000+ rows of data for further analysis using SQL and Excel
- Validated 2,000+ samples of raw client document data with Abbyy FlexiCapture

# **North Shore Coaching College** | *Mathematics Tutor*

Feb 2021 - Nov 2021

- Taught 2 high school classes, Yr 7 and Yr 8 mathematics
- Executed lesson plans aimed towards both collaborative learning and improvement

## **Chemist Warehouse** | *Pharmacy Assistant*

Dec 2019 - Oct 2021

• Consistently facilitated sales, engaged colleagues and maintained store presentability

# **EXTRACURRICULARS**

## **UNSW Data Science Society** | *Peer Mentor*

Feb 2022 – present

• Guided 3 mentees through the BDataSci degree, university life and organised weekly meetings

# **UNSW School of Mathematics & Statistics** | *Course Representative*

Sep 2020 - Nov 2020

• Liaised with 2 lecturers and 2 co-representatives to improve the quality of MATH1081: Discrete Mathematics for future students

#### **PROJECTS**

# **Stock Visualisation** | *github.com/darrenlxu/stock-forecast-tool*

Feb 2022

• Built an automated stock price and stock volume visualisation tool – 5 year range – with Python, taking stock choices through input from the user

## **NFL Combine** | *github.com/darrenlxu/nfl-combine-project*

Aug 2021

• Examined the relationship between drill results and physical traits, deployed through predictive models and data visualisations using Python

## **SKILLS & INTERESTS**

Programming Languages: Python, SQL, R, SAS, CSS, HTML, C

**Technologies:** Tableau, Microsoft Office, Google Suite, Abbyy FlexiCapture

Interests: NFL, F1, space/aerospace, stocks, gaming, web development – isgatewayinorbit.com